

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Hertogs et al. Confirmation No.: 8312  
Serial No. : 09/580,491 Art Unit: 1631  
Filed : May 30, 2000 Examiner: Michael L. Borin  
For : MUTATIONAL PROFILES IN HIV-1 PROTEASE AND REVERSE  
TRANSCRIPTASE CORRELATED WITH PHENOTYPIC DRUG  
RESISTANCE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Dear Sir:

In response to the Office Action mailed on September 12, 2005 for the above-captioned application, this amendment is filed together with a RCE. Please amend the above-captioned application as follows and consider the remarks thereafter.

Amendments to the claims are reflected in the listing of claims, which begin on page 4 of this paper.

Remarks/Arguments begin on page 8 of this paper.